10/718670

B AUTO
```
        17sep06 11:00:36 User264717 Session D487.4
              $48.13    8.158 DialUnits File654
                   $4.20  6 Type(s) in Format  3
                   $4.20  6 Types
     $52.33  Estimated cost File654
      $2.66  INTERNET
     $54.99  Estimated cost this search
     $71.92  Estimated total session cost  12.797 DialUnits
```
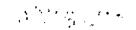
SYSTEM:OS - DIALOG OneSearch
```
   File    6:NTIS 1964-2006/Sep W1
           (c) 2006 NTIS, Intl Cpyrght All Rights Res
   File    8:Ei Compendex(R) 1970-2006/Sep W1
           (c) 2006 Elsevier Eng.  Info. Inc.
   File   25:Weldasearch 1966-2006/Aug
           (c) 2006 TWI Ltd
   File   36:MetalBase 1965-20060916
           (c) 2006 The Thomson Corporation
   File   63:Transport Res(TRIS) 1970-2006/Aug
           (c) fmt only 2006 Dialog
   File   65:Inside Conferences 1993-2006/Sep 15
           (c) 2006 BLDSC all rts. reserv.
   File   81:MIRA - Motor Industry Research 2001-2006/Jul
           (c) 2006 MIRA Ltd.
   File   94:JICST-EPlus 1985-2006/Jun W2
           (c)2006 Japan Science and Tech Corp(JST)
   File   95:TEME-Technology & Management 1989-2006/Sep W2
           (c) 2006 FIZ TECHNIK
   File 266:FEDRIP 2006/Aug
           Comp & dist by NTIS, Intl Copyright All Rights Res
```

```
      Set  Items  Description
      ---  -----  -----------
?

S "MAP" AND ((FIRST (2N) AREA) (S) (SECOND (2N) AREA)) AND (SWITCH??? (3W) (TARGET (
          121852  MAP
         1265558  FIRST
          829853  AREA
          693442  SECOND
          829853  AREA
             503  FIRST(2N)AREA(S)SECOND(2N)AREA
          313499  SWITCH???
          252075  TARGET
          229387  SEARCH?
          829853  AREA
               0  SWITCH???(3W)TARGET(2N)(SEARCH? OR AREA)
     S1        0  "MAP" AND ((FIRST (2N) AREA) (S) (SECOND (2N) AREA)) AND
                  (SWITCH??? (3W) (TARGET (2N) (SEARCH? OR AREA)))
?

S "MAP" AND ((FIRST (3N) AREA) (S) (SECOND (3N) AREA)) AND (SWITCH??? (3W) (TARGET??
          121852  MAP
         1265558  FIRST
          829853  AREA
          693442  SECOND
          829853  AREA
             566  FIRST(3N)AREA(S)SECOND(3N)AREA
          313499  SWITCH???
```

```
       363259   TARGET???
       229387   SEARCH?
       829853   AREA
            2   SWITCH???(3W)TARGET???(2N)(SEARCH? OR AREA)
  S2        0   "MAP" AND ((FIRST (3N) AREA) (S) (SECOND (3N) AREA)) AND
                (SWITCH??? (3W) (TARGET??? (2N) (SEARCH? OR AREA)))
?


S "MAP" AND ((FIRST (S) AREA) (S) (SECOND (S) AREA)) AND (SWITCH??? (3W) (TARGET???
       121852   MAP
      1265558   FIRST
       829853   AREA
       693442   SECOND
       829853   AREA
        18443   FIRST(S)AREA(S)SECOND(S)AREA
       313499   SWITCH???
       363259   TARGET???
       229387   SEARCH?
       829853   AREA
            2   SWITCH???(3W)TARGET???(2N)(SEARCH? OR AREA)
  S3        0   "MAP" AND ((FIRST (S) AREA) (S) (SECOND (S) AREA)) AND
                (SWITCH??? (3W) (TARGET??? (2N) (SEARCH? OR AREA)))
?
```

File 654:US Pat.Full. 1976-2006/Sep 14
        (c) Format only 2006 Dialog
 *File 654: IPCR/8 classification codes now searchable in 2006 records.
For information about IC= index changes, see HELP NEWSIPCR.

```
        Set   Items   Description
        ---   -----   -----------
?


S "MAP" AND ((FIRST (2N) AREA) (S) (SECOND (2N) AREA)) AND (SWITCH??? (3W) (TARGET (
Processing
Processing
Processing
Processing
Processing
Processing
Processing
          206875  MAP
         3726484  FIRST
         2043838  AREA
         3448004  SECOND
         2043838  AREA
           50807  FIRST(2N)AREA(S)SECOND(2N)AREA
         1116865  SWITCH???
          514040  TARGET
          304230  SEARCH?
         2043838  AREA
              37  SWITCH???(3W)TARGET(2N)(SEARCH? OR AREA)
   S1         6  "MAP" AND ((FIRST (2N) AREA) (S) (SECOND (2N) AREA)) AND
                 (SWITCH??? (3W) (TARGET (2N) (SEARCH? OR AREA)))
?


RD


>>>Duplicate detection is not supported for File 654.


>>>All specified files are unsupported, command ignored.
?


T S1/3,KWIC/1-6


  1/3,KWIC/1
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2006 Dialog. All rts. reserv.


6684445
Derwent Accession: 2003-566954
 UTILITY
 METHOD OF AND APPARATUS FOR PRODUCING A DIGITAL IMAGE OF AN OBJECT WITH
 REDUCED SPECKLE-PATTERN NOISE, BY CONSECUTIVELY CAPTURING, BUFFERING AND
 PROCESSING A SERIES OF DIGITAL IMAGES OF THE OBJECT OVER A SERIES OF
 CONSECUTIVELY DIFFERENT PHOTO-INTEGRATION TIME PERIODS
Inventor: Zhu, Xiaoxun, Marlton, NJ, US
Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
Examiner: Le, Thien M.
Legal Representative: Perkowski Esq., P.C., Thomas J.
```

```
                Publication                Application   Filing
                Number     Kind   Date     Number        Date
                ---------- --  --------   ------------   --------
```

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 7090133	B2	20060815	US 2002146652	20020515
Related Publ	US 20030024987	A1	20030206		
Continuation	PENDING			US 2001990585	20011121
CIP	PENDING			US 2001999687	20011031
CIP	US 6736321	A		US 2001954477	20010917
CIP	PENDING			US 2001883130	20010615
CIP	US 6742707	A		US 2001781665	20010212
CIP	US 6629641	A		US 2001780027	20010209
CIP	US 6631842	A		US 2000721885	20001124
CIP	ABANDONED			US 99327756	19990607
CIP	PENDING			WO 2000US15624	20000607

US Term Extension: 785 days

Fulltext Word Count: 201286

Summary of the Invention:
    ...detection field enabled by the image sensor within the IFD module,
   (iii) a manually-activatable switch for enabling transmission of symbol
   character data to a host computer system in response to...

   1/3,KWIC/2
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2006 Dialog. All rts. reserv.

6516438
Derwent Accession: 2001-102429
   UTILITY
   **METHOD OF SPECKLE-NOISE PATTERN REDUCTION AND APPARATUS THEREFORE BASED ON
   REDUCING THE TEMPORAL-COHERENCE OF THE PLANAR LASER ILLUMINATION BEAM
   BEFORE IT ILLUMINATES THE TARGET OBJECT BY APPLYING TEMPORAL PHASE
   MODULATION TECHNIQUES DURING THE TRANSMISSION OF THE PLIB TOWARDS THE
   TARGET**
Inventor: Tsikos, Constantine J., Voorhees, NJ, US
          Knowles, C. Harry, Moorestown, NJ, US
          Zhu, Xiaoxun, Marlton, NJ, US
          Schnee, Michael D., Aston, PA, US
          Au, Ka Man, Philadelphia, PA, US
          Ghosh, Sankar, Glenolden, PA, US
Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
Examiner: Le, Thien M.
Legal Representative: Perkowski, Esq., P.C., Thomas J.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 7028899	B2	20060418	US 2001990585	20011121
Related Publ	US 20030098349	A1	20030529		
CIP	PENDING			US 2001999687	20011031
CIP	PENDING			US 2001954477	20010917
CIP	PENDING			US 2001883130	20010615
CIP	PENDING			US 2001781665	20010212
CIP	PENDING			US 2001780027	20010209
CIP	PENDING			US 2000721885	20001124
CIP	ABANDONED			US 99327756	19990607
CIP	PENDING			WO 2000US15624	20000607

US Term Extension: 484 days

Summary of the Invention:
     ...detection field enabled by the image sensor within the IFD module,
  (iii) a manually-activatable switch for enabling transmission of symbol
  character data to a host computer system in response to...common
  semiconductor substrate, and encased within an integrated circuit package
  having electrical connector pins, a first and second elongated light
  transmission windows disposed over the SEL arrays, and a third light
  transmission window...

  1/3,KWIC/4
  DIALOG(R)File 654:US Pat.Full.
  (c) Format only 2006 Dialog. All rts. reserv.

  6284702
  Derwent Accession: 2003-480332
  UTILITY
  PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) BASED CAMERA SYSTEM FOR
  AUTOMATICALLY PRODUCING DIGITAL LINEAR IMAGES OF A MOVING OBJECT,
  CONTAINING PIXELS HAVING A SUBSTANTIALLY SQUARE ASPECT-RATIO INDEPENDENT OF
  THE MEASURED RANGE AND/OR A VELOCITY OF SAID MOVING OBJECT
  Inventor: Tsikos, Constantine J., Voorhees, NJ, US
            Knowles, C. Harry, Moorestown, NJ, US
            Zhu, Xiaoxun, Marlton, NJ, US
            Schnee, Michael D., Aston, PA, US
            Au, Ka Man, Philadelphia, PA, US
            Wirth, Allan, Bedford, MA, US
            Ghosh, Sankar, Glenolden, PA, US
  Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
  Examiner: Le, Thien M.
  Legal Representative: Perkowski, Esq. Esq., P.C., Thomas J.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6953151	B2	20051011	US 2002135866	20020429
Related Publ	US 20030062415	A1	20030403		
Continuation	PENDING			US 2001990585	20011121
CIP	PENDING			US 2001999687	20011031
CIP	US 6736321	A		US 2001954477	20010917
CIP	PENDING			US 2001883130	20010615
CIP	US 6742707	A		US 2001781665	20010212
CIP	US 6629641	A		US 2001780027	20010209
CIP	US 6631842	A		US 2000721885	20001124
CIP	PENDING			WO 2000US15624	20000607
CIP	ABANDONED			US 99327756	19990607

  US Term Extension: 333 days

  Fulltext Word Count: 200753

  Summary of the Invention:
     ...object of the present invention is to provide an
  automatically-activated PLIIM-based hand-supportable area imager
  configured with (i) an area -type image formation and detection (IFD)
  module having a fixed focal length/variable focal distance...object of
  the present invention is to provide an automatically-activated
  PLIIM-based hand-supportable area imager configured with (i) an area
  -type image formation and detection (IFD) module having a variable focal
  length/variable focal distance...to provide an automatically-activated

PLIIM-based band-supportable area imager configured with (i) an area
-type image formation and detection (IFD) module having a variable focal
length/variable focal distance...controller, operably connected to the
I/O subsystem, for connecting the system to the local area network
(LAN) associated with the tunnel-based system, as well as other
packet-based data...

1/3,KWIC/5
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2006 Dialog. All rts. reserv.

6195156 **IMAGE Available
Derwent Accession: 2003-625560
UTILITY
**Neutron-beam based scanning system having an automatic object
identification and attribute information acquisition and linking mechanism
integrated therein**
Inventor: Knowles, C. Harry, Moorestown, NJ, US
        Schmidt, Mark C., Williamstown, NJ, US
        Fisher, Dale, Voorhees, NJ, US
Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
Examiner: Stcyr, Daniel
Legal Representative: Perkowski, Esq., P.C., Thomas J.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6923374	B2	20050802	US 2002165180	20020606
Related Publ	US 20030080192	A1	20030501		
Continuation	PENDING			US 2001990585	20011121
CIP	PENDING			US 2001999687	20011031
CIP	US 6736321	A		US 2001954477	20010917
CIP	PENDING			US 2001883130	20010615
CIP	US 6742707	A		US 2001781665	20010212
CIP	US 6629641	A		US 2001780027	20010209
CIP	US 6631842	A		US 2000721885	20001124
CIP	ABANDONED			US 99327756	19990607
CIP	PENDING			WO 2000US15624	20000607

US Term Extension: 284 days

Fulltext Word Count: 202122

Summary of the Invention:
    ...detection field enabled by the image sensor within the IFD module,
(iii) a manually-activatable switch for enabling transmission of symbol
character data to a host computer system in response to...object of the
present invention is to provide an automatically-activated PLIIM-based
hand-supportable area imager configured with (i) an area-type image
formation and detection (IFD) module having a...

...planar laser illumination arrays (to produce a PLIB in coplanar
arrangement with said FOV), the area -type image formation and detection
(IFD) module, as well as the image frame grabber,

1/3,KWIC/6
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2006 Dialog. All rts. reserv.

Fulltext Word Count: 200063

Summary of the Invention:
     ...object of the present invention is to provide an
  automatically-activated PLIIM-based hand-supportable area imager
  configured with (i) an area -type image formation and detection (IFD)
  module having a fixed focal length/variable focal distance...detection
  field enabled by the image sensor within the IFD module, (iii) a
  manually-activatable switch for enabling transmission of symbol
  character data to a host computer system in response to...object of the
  present invention is to provide an automatically-activated PLIIM-based
  hand-supportable area imager configured with (i) an area-type image
  formation and detection (IFD) module having a...

  ...planar laser illumination arrays (to produce a PLIB in coplanar
  arrangement with said FOV), the area -type image formation and detection
  (IFD) module, as well as the image frame grabber,

     1/3,KWIC/3
  DIALOG(R)File 654:US Pat.Full.
  (c) Format only 2006 Dialog. All rts. reserv.

  6284703
  Derwent Accession: 2003-402356
  UTILITY
  HAND-SUPPORTABLE PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) BASED CAMERA
  SYSTEM CAPABLE OF PRODUCING DIGITAL LINEAR IMAGES OF A OBJECT, CONTAINING
  PIXELS HAVING A SUBSTANTIALLY UNIFORM WHITE LEVEL INDEPENDENT OF THE
  VELOCITY OF THE OBJECT WHILE MANUALLY MOVING SAID FILM BASED CAMERA SYSTEM
  PAST SAID OBJECT DURING ILLUMINATION IMAGING OPERATIONS
  Inventor: Tsikos, Constantine J., Voorhees, NJ, US
            Knowles, C. Harry, Moorestown, NJ, US
            Zhu, Xiaoxun, Marlton, NJ, US
            Schnee, Michael D., Aston, PA, US
            Au, Ka Man, Philadelphia, PA, US
            Ghosh, Sankar, Glenolden, PA, US
  Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
  Examiner: Le, Thien M.
  Legal Representative: Perkowski, Esq., P.C., Thomas J.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6953152	B2	20051011	US 2002151743	20020517
Related Publ	US 20030042315	A1	20030306		
Continuation	PENDING			US 2001990585	20011121
CIP	PENDING			US 2001999687	20011031
CIP	PENDING			US 2001954477	20010917
CIP	PENDING			US 2001883130	20010615
CIP	PENDING			US 2001781665	20010212
CIP	US 6629641	A		US 2001780027	20010209
CIP	US 6631842	A		US 2000721885	20001124
CIP	PENDING			US 99327756	19990607
CIP	PENDING			WO 2000US15624	20000607

  US Term Extension: 596 days

  Fulltext Word Count: 199726

```
6178677
Derwent Accession: 2003-466288
 UTILITY
 Object identification and attribute information acquisition and linking
 computer system
Inventor: Knowles, C. Harry, Moorestown, NJ, US
          Ghosh, Sankar, Glenolden, PA, US
          Defoney, Shawn, Runnemede, NJ, US
          Skypala, Edward, Blackwood, NJ, US
          Schmidt, Mark C., Williamstown, NJ, US
Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
Examiner: Le, Thien M.
Legal Representative: Perkowski, Esq., P.C., Thomas J.
```

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6918541	B2	20050719	US 200291339	20020305
Related Publ	US 20030034387	A1	20030220		
CIP	PENDING			US 2001990585	20011121
CIP	PENDING			US 2001999687	20011031
CIP	PENDING			US 2001954477	20010917
CIP	PENDING			US 2001883130	20010615
CIP	PENDING			US 2001781665	20010212
CIP	US 6629641	A		US 2001780027	20010209
CIP	US 6631842	A		US 2000721885	20001124
CIP	PENDING			WO PCT/US00/15	00000000
CIP	ABANDONED			US 99327756	19990607

```
Fulltext Word Count: 234576

Description of the Invention:
    ...refractive-type phase-modulation disc in order to spatial phase
  modulate said PLIB prior to  target  object illumination...object of the
  present invention is to provide an automatically-activated PLIIM-based
  hand-supportable  area  imager configured with (i) an area-type image
  formation and detection (IFD) module having a...of propagation of the
  planar laser illumination beam;1G16A is a perspective view of a  second
  illustrative embodiment of the PLIM of the present invention, wherein a
  first illustrative embodiment of
?
```

Search Engine Lowdown: 04.2006

He launched the print tab to **target** this group, but it's the site that will ... The Google home page tab **switch** was more about putting Google in line with ...
www.searchenginelowdown.com/2006_04_01_searchlowdown_archive.html - 386k - Cached - Similar pages

[PDF] YEAR 2000 COMPUTING CHALLENGE Federal Government Making Progress ...

File Format: PDF/Adobe Acrobat - View as HTML
September 1999, is used to **map search areas**, (2) the Digital Global ... **Second**, the Defense **Switch**. Network (DSN), scheduled to be completed by September 30 ...
www.gao.gov/cgi-bin/getrpt?GAO/T-AIMD-99-144 - Similar pages

Google Maps Mania: October 2005

The big day started at the restaurant where they had their **first** date. ... doesn't make any sense to have to **switch** between the two services as an end-user. ...
googlemapsmania.blogspot.com/2005_10_01_googlemapsmania_archive.html - 363k - Cached - Similar pages

```
B 654,647,674,292,2,439
        17sep06 16:38:14 User264717 Session D490.1
              $0.00    0.187 DialUnits FileHomeBase
    $0.00   Estimated cost FileHomeBase
    $0.14   INTERNET
    $0.14   Estimated cost this search
    $0.14   Estimated total session cost    0.187 DialUnits

SYSTEM:OS  - DIALOG OneSearch
   File 654:US Pat.Full. 1976-2006/Sep 14
          (c) Format only 2006 Dialog
  *File 654: IPCR/8 classification codes now searchable in 2006 records.
For information about IC= index changes, see HELP NEWSIPCR.
   File 647:CMP  Computer Fulltext 1988-2006/Oct W5
          (c) 2006 CMP Media, LLC
   File 674:Computer News Fulltext 1989-2006/Sep W1
          (c) 2006 IDG Communications
   File 292:GEOBASE(TM) 1980-2006/Sep W1
          (c) 2006 Elsevier B.V.
   File   2:INSPEC 1898-2006/Sep W2
          (c) 2006 Institution of Electrical Engineers
   File 439:Arts&Humanities Search(R) 1980-2006/Sep W2
          (c) 2006 The Thomson Corp

     Set  Items  Description
     ---  -----  -----------
```

```
S "MAP" AND ((FIRST (S) AREA) (S) (SECOND (S) AREA)) AND (SWITCH??? (3W) (TARGET???
Processing
Processing
Processing
Processing
Processing
Processing
Processing
Processing
        313463   MAP
       4952283   FIRST
       2641137   AREA
       4068290   SECOND
       2641137   AREA
        860325   FIRST(S)AREA(S)SECOND(S)AREA
       1457811   SWITCH???
        866196   TARGET???
        516169   SEARCH???
       2641137   AREA
            47   SWITCH???(3W)TARGET???(2N)(SEARCH??? OR AREA)
S1        9   "MAP" AND ((FIRST (S) AREA) (S) (SECOND (S) AREA)) AND
              (SWITCH??? (3W) (TARGET??? (2N) ( SEARCH??? OR AREA)))
```

```
SHOW FILES
File 654:US Pat.Full. 1976-2006/Sep 14
        (c) Format only 2006 Dialog
File 647:CMP  Computer Fulltext 1988-2006/Oct W5
        (c) 2006 CMP Media, LLC
File 674:Computer News Fulltext 1989-2006/Sep W1
        (c) 2006 IDG Communications
File 292:GEOBASE(TM) 1980-2006/Sep W1
        (c) 2006 Elsevier B.V.
File   2:INSPEC 1898-2006/Sep W2
        (c) 2006 Institution of Electrical Engineers
File 439:Arts&Humanities Search(R) 1980-2006/Sep W2
        (c) 2006 The Thomson Corp
```

```
Set      Items    Description
S1           0    (SWITH??? (3W) TARGET??? (2N) (SEARCH??? OR AREA))
S2          46    (SWITCH??? (3W) TARGET??? (2N) (SEARCH??? OR AREA))
S3           9    S2 AND "MAP" AND ((FIRST (2W) AREA) AND (SECOND (2W) AREA))
S4           9    RD  (unique items)
```

T S4/3/1-9

4/3/1   (Item 1 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2006 Dialog. All rts. reserv.

6684445
Derwent Accession: 2003-566954
 UTILITY
 **METHOD OF AND APPARATUS FOR PRODUCING A DIGITAL IMAGE OF AN OBJECT WITH
 REDUCED SPECKLE-PATTERN NOISE, BY CONSECUTIVELY CAPTURING, BUFFERING AND
 PROCESSING A SERIES OF DIGITAL IMAGES OF THE OBJECT OVER A SERIES OF
 CONSECUTIVELY DIFFERENT PHOTO-INTEGRATION TIME PERIODS**
Inventor: Zhu, Xiaoxun, Marlton, NJ, US
Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
Examiner: Le, Thien M.
Legal Representative: Perkowski Esq., P.C., Thomas J.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 7090133	B2	20060815	US 2002146652	20020515
Related Publ	US 20030024987	A1	20030206		
Continuation	PENDING			US 2001990585	20011121
CIP	PENDING			US 2001999687	20011031
CIP	US 6736321	A		US 2001954477	20010917
CIP	PENDING			US 2001883130	20010615
CIP	US 6742707	A		US 2001781665	20010212
CIP	US 6629641	A		US 2001780027	20010209
CIP	US 6631842	A		US 2000721885	20001124
CIP	ABANDONED			US 99327756	19990607
CIP	PENDING			WO 2000US15624	20000607

US Term Extension: 785 days

Fulltext Word Count: 201286

4/3/2   (Item 2 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2006 Dialog. All rts. reserv.

6516438
Derwent Accession: 2001-102429
 UTILITY
 **METHOD OF SPECKLE-NOISE PATTERN REDUCTION AND APPARATUS THEREFORE BASED ON
 REDUCING THE TEMPORAL-COHERENCE OF THE PLANAR LASER ILLUMINATION BEAM
 BEFORE IT ILLUMINATES THE TARGET OBJECT BY APPLYING TEMPORAL PHASE
 MODULATION TECHNIQUES DURING THE TRANSMISSION OF THE PLIB TOWARDS THE
 TARGET**
Inventor: Tsikos, Constantine J., Voorhees, NJ, US
         Knowles, C. Harry, Moorestown, NJ, US
         Zhu, Xiaoxun, Marlton, NJ, US
         Schnee, Michael D., Aston, PA, US
         Au, Ka Man, Philadelphia, PA, US
         Ghosh, Sankar, Glenolden, PA, US
Assignee: Metrologic Instruments, Inc., (02), Blackwood, NJ, US
Examiner: Le, Thien M.
Legal Representative: Perkowski, Esq., P.C., Thomas J.